

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending May 28, 1989

Issue: 12-89

Phone: (402) 437-5541

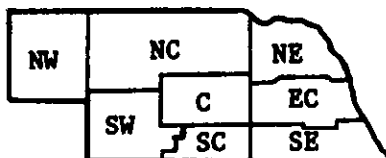
P.O. Box 81069

Released: 5/30/89 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admin.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UNL

WEATHER

CROPS (Cont.)

Temperatures averaged two to four degrees above normal across the State except in the northeast where they were near normal. Scattered light precipitation occurred at the beginning and end of the week with amounts varying from traces up to two-tenths of an inch.

GENERAL

Every district reported some precipitation last week with the largest amounts falling in the southern third of the State, according to the Nebraska Agricultural Statistics Service. Strong winds in the Panhandle were causing erosion and the ground to dry out and crust. Growers report some sugar beets were lost and would be replanted to dry beans. Moderate to severe hail damage was reported in a few counties in the Panhandle and north central district. Fieldwork consisted of planting corn, soybeans and sorghum; cutting alfalfa hay; and cultivating. Days suitable for fieldwork averaged 6.1.

In spite of the beneficial light rains last week, topsoil moisture conditions declined as winds increased evaporation. Topsoil condition rated 78% short and 22% adequate. Subsoil condition rated 90% short and 10% adequate. Last year, topsoil moisture was 22% short, 73% adequate and 5% surplus while subsoil moisture was 30% short, 67% adequate and 3% surplus.

CROPS

Winter wheat condition declined slightly last week to 20% very poor, 47% poor, 31% fair, and 2% good. Last week's moisture was beneficial to the wheat crop. The crop was virtually all jointed compared with 97% last year and 94% average. Wheat headed, at 58%, was less than last

year's 62% and the 61% average. Streak mosaic and Russian wheat aphids were reported in the Panhandle and chinch bugs were a problem in the southeast.

Corn planting was 97% complete compared with 98% in 1988 and 95% average. The crop was 83% emerged compared with 85% last year and 73% average. Corn condition rated 7% poor, 50% fair, 35% good and 8% excellent. Some variable stands due to dry soils were reported.

Sorghum was 66% planted compared with 71% in 1988 and 57% average. The crop was 25% emerged compared with 41% last year and 32% average.

Soybean planting, at 78%, is well ahead of last year's 69% and the average of 51%, even though some growers are waiting for rain before planting. The crop is 35% emerged compared with 42% in 1988 and 33% average. Soybean condition was 2% very poor, 3% poor, 72% fair and 23% good. Bean leaf beetles were reported in the east central area.

Alfalfa hay condition rated 7% very poor, 35% poor, 43% fair and 15% good. The first cutting was 15% complete compared with 27% last year and 26% average. Growers reported below average yields due to the dry conditions. Some crown rot was reported in the central part of the State. Wild hay condition rated 3% very poor, 63% poor, 33% fair and 1% good.

LIVESTOCK

Pasture and range feed supplies rated 77% short and 23% adequate, slightly improved over last week. Recent moisture will promote pasture development, but most areas will require much more moisture to obtain adequate grazing this summer. Producers in southern areas continue to sell or move cattle because of the tight feed supplies and poor pastures.

Precipitation, April 1 - May 26, 1989

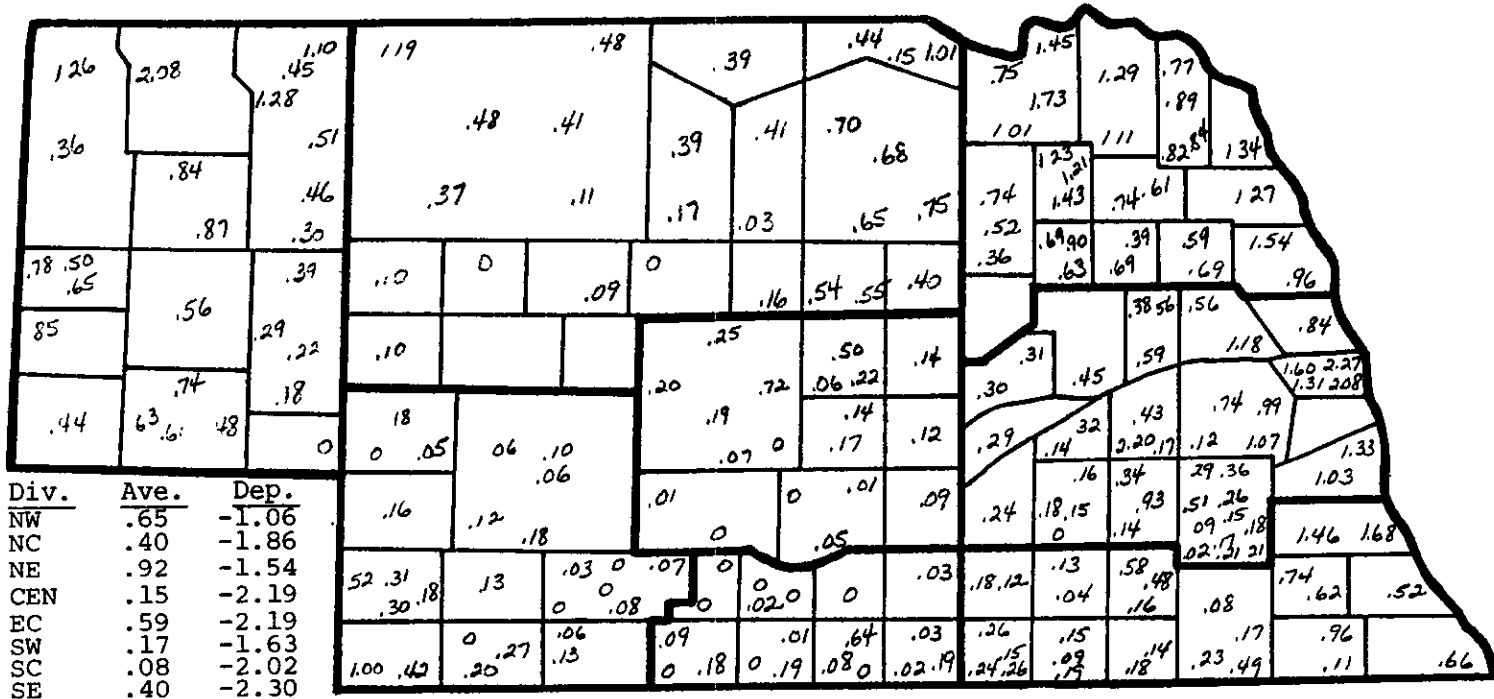
| | NW | NC | NE | CEN | EC | SW | SC | SE |
|----------------------------|------|------|------|------|------|------|------|------|
| Total past week | .59 | .06 | .02 | .21 | .05 | .48 | .77 | .59 |
| Total since April 1 | 2.74 | 1.71 | 1.83 | 2.47 | 2.14 | 2.79 | 2.98 | 2.54 |
| Normal since April 1 | 4.33 | 4.97 | 5.69 | 5.43 | 6.16 | 4.42 | 5.15 | 6.12 |
| Total as % of Normal | 63% | 34% | 32% | 45% | 35% | 63% | 58% | 42% |

NEBRASKA WEATHER & CROPS (ISSN 0745-0230) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P. O. Box 81069, Lincoln, NE 68501.

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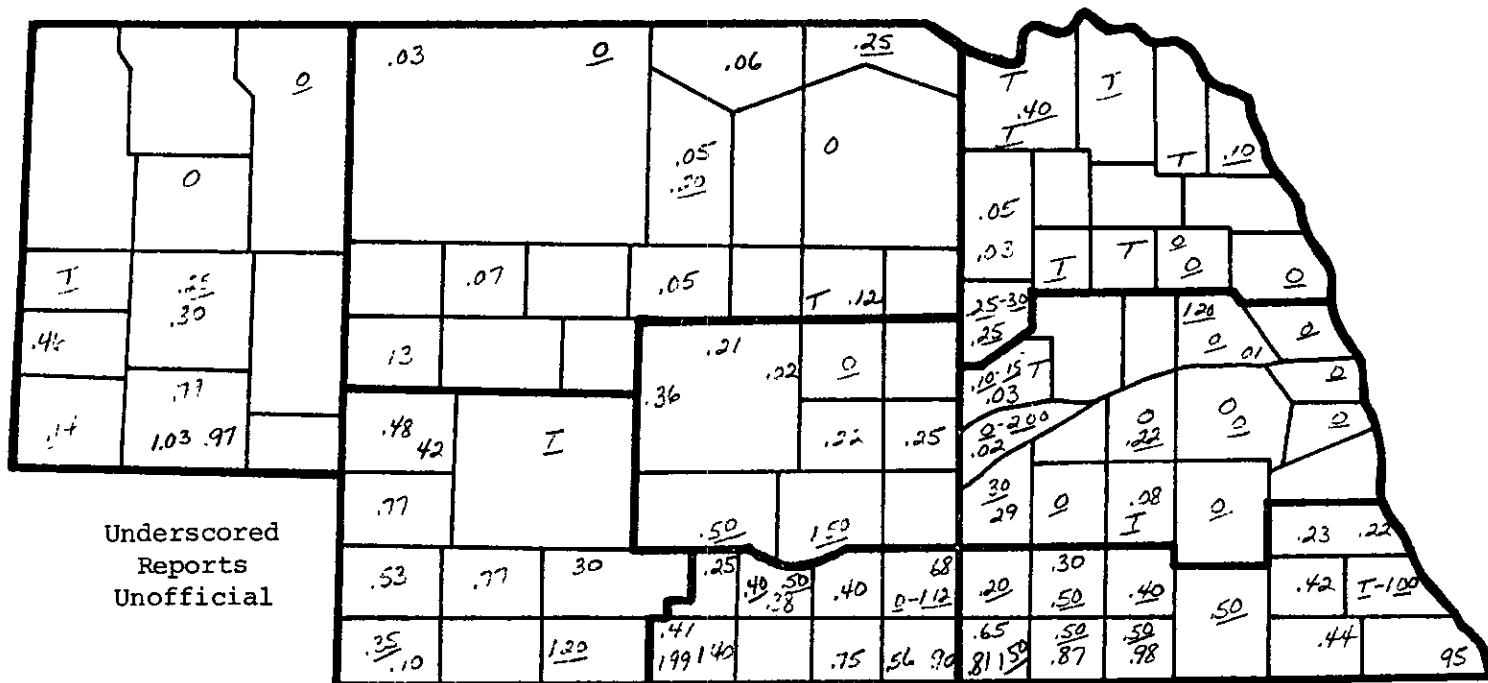
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PRECIPITATION MAP FOR MONTH OF APRIL 1989 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 26, 1989



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, MAY 28, 1989

| Station | | Temperature | | | | Precipitation |
|---------|--------------|-------------|-----|------|-----------|-----------------|
| | | Extremes | | Mean | Departure | Total Inches 1/ |
| | | Max | Min | | | |
| NW | Chadron | 90 | 36 | 63 | -- | 0 |
| | Scottsbluff | 92 | 38 | 64 | +4 | T |
| | Sidney | 91 | 43 | 63 | -- | .02 |
| NC | Ord | 90 | 39 | 65 | -- | 0 |
| | Valentine | 99 | 35 | 64 | +4 | 0 |
| NE | Norfolk | 93 | 38 | 64 | 0 | .11 |
| | Sioux City | 90 | 40 | 66 | +1 | .12 |
| CEN | Grand Island | 95 | 44 | 68 | +4 | .26 |
| EC | Lincoln | 93 | 39 | 67 | +2 | .01 |
| | Omaha | 90 | 50 | 67 | +2 | .07 |
| SW | Imperial | 95 | 45 | 64 | -- | 0 |
| | North Platte | 95 | 39 | 65 | +4 | 0 |

1/ Precipitation totals not included in map above.